CONTENTS OF VOLUME 44

AOKI, S., The Moon-Test in Newton's *Principia*: Accuracy of the Inverse-Square Law of Universal Gravitation 147

BIERHALTER, G., VON L. BOLTZMANN bis J. J THOMSON: die Versuche einer mechanischen Grundlegung der Thermodynamik (1866–1890) 25

DEAKIN, M. A. B., The Ascendancy of the Laplace Transform and how it Came About 265

DILL, E. H., Kirchhoff's Theory of Rods 1

KEYSER, P., A New Look at Heron's "Steam Engine" 107

KNORR, W. B., When Circles Don't Look Like Circles: An Optical Theorem in Euclid and Pappus 287

POURCIAU, B., Newton's Solution of the One-Body Problem 125

POURCIAU, B., Radical Principia 331

REICH, K., Levi-Civitasche Parallelverschiebung, affiner Zusammenhang, Übertragungsprinzip: 1916/17–1922/23 77

ROQUÉ, X., Møller Scattering: a Neglected Application of Early Quantum Electrodynamics 197

STRAUMANN, N., Von der Stech-Jensen-Transformation zur universellen *V-A*-Wechselwirkung 365

THURSTON, H., Greek and Indian Planetary Longitudes 191